

1300 I Street, NW • Washington, DC 20005-3315 • 202.408.4000 • Fax 202.408.4400
www.finnegan.com

IAP04Rec'd PCT 05 AUG 2008

ERNEST F. CHAPMAN
202.408.4096

November 14, 2003

ATTORNEY DOCKET NO.: 02356.0086
CUSTOMER NUMBER: 22,852

MAIL STOP PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

New U.S. Patent Application

Title: PLASMODIUM FALCIPARUM ANTIGENS AND VACCINE AND
DIAGNOSTIC USES THEREOF

being a Continuation of PCT International

Application No. PCT/FR02/01637 filed May 15, 2002

Inventors' Names and Residences:

- 1) Pierre DRUILHE
Paris, France
- 2) Anne-Charlotte GRÜNER
Paris, France

Dear Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office under 35 U.S.C. 111(a) as a **Continuation** application of PCT International Application No. PCT/FR02/01637 filed May 15, 2002 which claimed priority of Canadian Patent Application Nos. 2,345,206, filed May 16, 2001; and 2,346,968, filed May 23, 2001.

The application, which is not in the English language is enclosed, for filing in the United States Patent and Trademark Office in connection with the above-referenced application in accordance with 37 C.F.R §1.52(d) and §808.01 of the MPEP, Filing of Non-English Language Applications:

1. Non-English/Application 62 pages, including at least 1 independent claim and 41 claims total.
2. Drawings 28 sheets of formal drawings containing 15 figures.

3. Sequence Listing consisting of 24 pages in written form
4. The filing fee is calculated as follows:

Basic Application Filing Fee					\$770	\$770.00
	Number of Claims		Basic	Extra Claims		
Total Claims	41	-	20	21	x \$18	378.00
Independent Claims	1	-	3		x \$86	
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$290	
Subtotal					\$	1148.00
Reduction by 1/2 if small entity					-	
TOTAL APPLICATION FILING FEE					\$	1148.00

5. A check for \$1148.00 is enclosed. The fee includes:

\$770.00 filing fee; and

\$378.00 additional claims fee.

Applicants claim the right to priority based on Canadian Application Nos. 2,345,206, filed May 16, 2001; and 2,346,968, filed May 23, 2001.

This application is being filed under the provisions of 37 C.F.R. § 1.53(f).
Applicants await notification from the Patent and Trademark Office of the time set for filing the Declaration.

An English translation of the non-English language papers will be filed in the U.S. Patent and Trademark Office within the required time period.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,
Garrett & Dunner, L.L.P.
1300 I Street, N.W.
Washington, D.C. 20005-3315

Please accord this application a serial number and filing date.

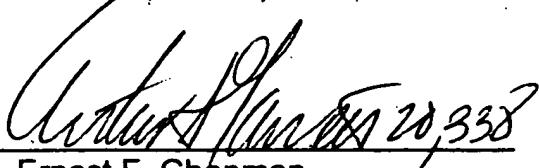
Commissioner for Pate
November 14, 2003
Page 3

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or § 1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Sincerely,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By: 
Ernest F. Chapman

Reg. No. 25,961

EFC/gah
Enclosures

(12) DEMANDE INTERNATIONALE PUBLIÉE EN VERTU DU TRAITÉ DE COOPÉRATION
EN MATIÈRE DE BREVETS (PCT)

(19) Organisation Mondiale de la Propriété
Intellectuelle
Bureau international



(43) Date de la publication internationale
21 novembre 2002 (21.11.2002)

PCT

(10) Numéro de publication internationale
WO 02/092628 A2

(51) Classification internationale des brevets⁷ :
C07K 14/445

(81) États désignés (national) : AE. AG. AL. AM. AT. AU. AZ. BA. BB. BG. BR. BY. BZ. CA. CH. CN. CO. CR. CU. CZ. DE. DK. DM. DZ. EC. EE. ES. FI. GB. GD. GE. GH. GM. HR. HU. ID. IL. IN. IS. JP. KE. KG. KP. KR. KZ. LC. LK. LR. LS. LT. LU. LV. MA. MD. MG. MK. MN. MW. MX. MZ. NO. NZ. OM. PH. PL. PT. RO. RU. SD. SE. SG. SI. SK. SL. TJ. TM. TN. TR. TT. TZ. UA. UG. US. UZ. VN. YU. ZA. ZM. ZW.

(21) Numéro de la demande internationale :
PCT/FR02/01637

(22) Date de dépôt international : 15 mai 2002 (15.05.2002)

(25) Langue de dépôt : français

(84) États désignés (regional) : brevet ARIPO (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), brevet eurasien (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), brevet européen (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), brevet OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(26) Langue de publication : français

(30) Données relatives à la priorité :
2.345.206 16 mai 2001 (16.05.2001) CA
2.346.968 23 mai 2001 (23.05.2001) CA

(71) Déposant (pour tous les États désignés sauf US) : INSTITUT PASTEUR [FR/FR]; 25-28, rue du Dr. Roux, F-75724 Paris Cedex 15 (FR).

Publiée :

— sans rapport de recherche internationale, sera publiée dès réception de ce rapport

(72) Inventeurs; et

En ce qui concerne les codes à deux lettres et autres abréviations, se référer aux "Notes explicatives relatives aux codes et abréviations" figurant au début de chaque numéro ordinaire de la Gazette du PCT.

(75) Inventeurs/Déposants (pour US seulement) : DRUILHE, Pierre [FR/FR]; 26, rue Lecourbe, F-75015 Paris (FR). GRÜNER, Anne-Charlotte [DK/FR]; 142 rue Marcadet, F-75018 Paris (FR).

(74) Mandataire : ERNEST GUTMANN-YVES PLASSER-AUD S.A.; 3, rue Chauveau-Lagarde, F-75008 Paris (FR).

A2

(54) Title: PLASMODIUM FALCIPARUM ANTIGENS AND VACCINE AND DIAGNOSTIC USES THEREOF

WO 02/092628

(54) Titre : ANTIGENES DE PLASMODIUM FALCIPARUM ET LEURS APPLICATIONS VACCINALES ET DIAGNOSTIQUES

(57) Abstract: The invention concerns novel *Plasmodium falciparum* antigens and their vaccine and diagnostic applications. More particularly, the invention concerns immunogenic polynucleotide and polypeptide molecules, compositions comprising them, and methods for diagnosis and vaccination of malaria.

WO

(57) Abrégé : La présente invention se rapporte à de nouveaux antigènes de *Plasmodium falciparum* et à leurs applications vaccinales et diagnostiques. Plus particulièrement, la présente invention vise des molécules polynucléotidiques et polypeptidiques immunogéniques, des compositions les comprenant, et des méthodes de diagnostic et de vaccination du paludisme (malaria).

1011-540

PLEASE STAMP TO ACKNOWLEDGE RECEIPT OF THE FOLLOWING:

In Re Application of: **Pierre DRUILHE et al.** Confirmation No. 5870
Application No.: 10/712,533 Group Art Unit: 1645
Filed: November 14, 2003 Examiner: Nita M. Minnifield
For: **PLASMODIUM FALCIPARUM ANTIGENS AND THEIR VACCINE AND
DIAGNOSTIC APPLICATIONS**

1. Amendment and Response to Notice to Comply (3 pages)
2. Submission of Substitute Sequence Listing (2 pages) with Sequence Listing

Dated June 4, 2008

Docket No.: **03495.0380-00000**

KJM/SAC - Mail Drop 628

(Due Date: **June 21, 2008**)

PLEASE DELIVER TO Delia R. Herring/MD 628



KJM, 6/4/08